

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
 Data File : BF132385.D
 Acq On : 09 Feb 2023 18:41
 Operator : CG\JU
 Sample : 01506-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Quant Time: Feb 10 01:01:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 09 01:56:26 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

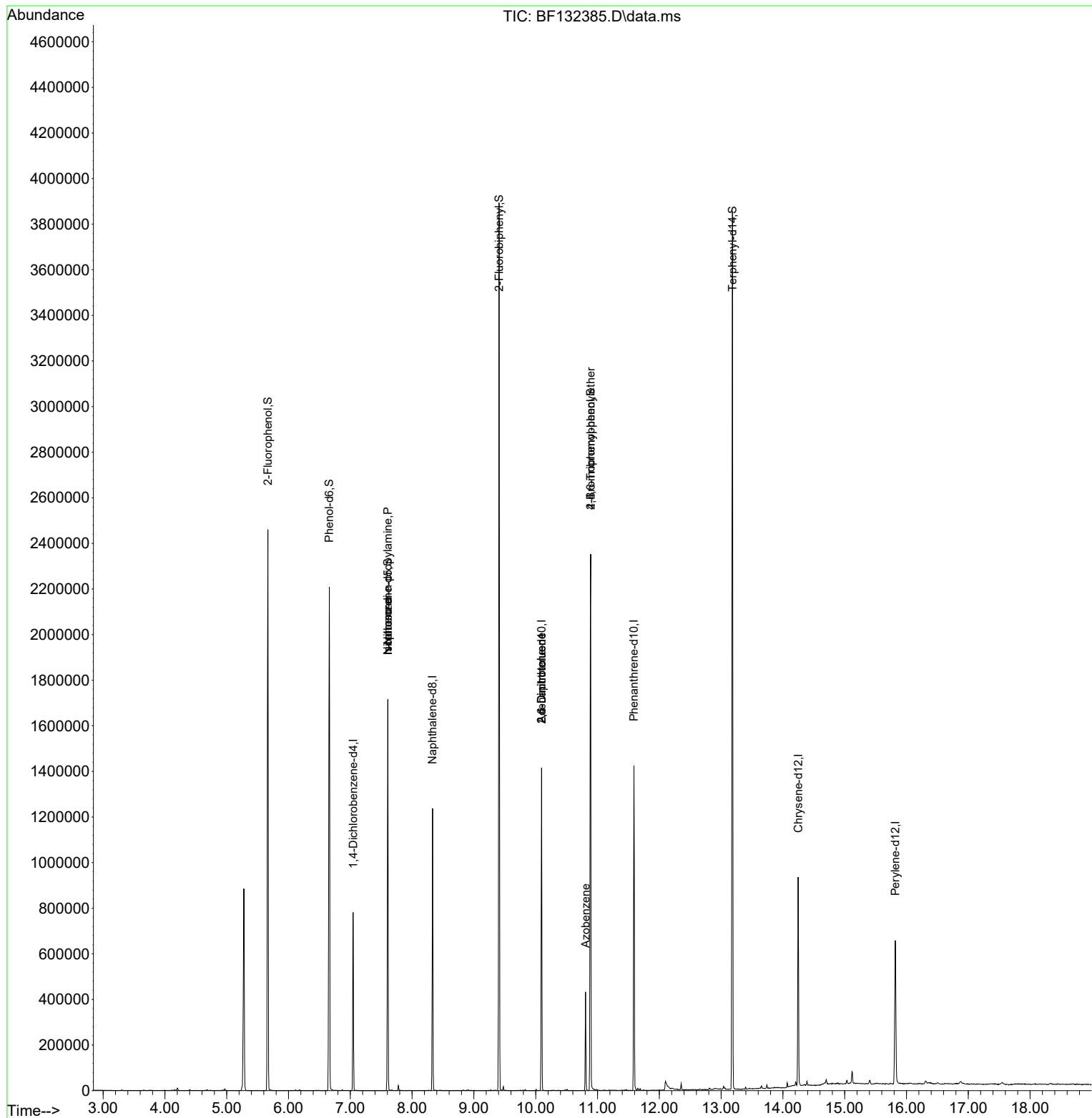
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.048	152	131970	20.000	ng	0.00
21) Naphthalene-d8	8.331	136	504920	20.000	ng	0.00
39) Acenaphthene-d10	10.095	164	264790	20.000	ng	0.00
64) Phenanthrene-d10	11.589	188	496265	20.000	ng	0.00
76) Chrysene-d12	14.248	240	282034	20.000	ng	0.00
86) Perylene-d12	15.818	264	298309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.666	112	763532	92.998	ng	0.00
7) Phenol-d6	6.660	99	909922	89.896	ng	0.00
23) Nitrobenzene-d5	7.607	82	544337	59.991	ng	0.00
42) 2,4,6-Tribromophenol	10.889	330	314526	115.507	ng	0.00
45) 2-Fluorobiphenyl	9.407	172	1123399	65.516	ng	0.00
79) Terphenyl-d14	13.183	244	1252331	85.895	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.595	77	61	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.607	70	66070	11.491	ng	# 77
25) Isophorone	7.607	82	544332	31.607	ng	# 64
51) 2,6-Dinitrotoluene	10.095	165	33381	8.069	ng	# 24
57) 2,4-Dinitrotoluene	10.095	165	33381	6.212	ng	# 23
63) Azobenzene	10.807	77	63034	3.512	ng	# 1
67) 4-Bromophenyl-phenylether	10.889	248	17574	3.458	ng	# 1

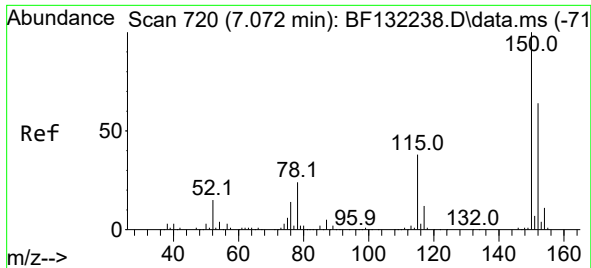
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020923\
Data File : BF132385.D
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Sample : 01506-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PA-1

Quant Time: Feb 10 01:01:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 09 01:56:26 2023
Response via : Initial Calibration

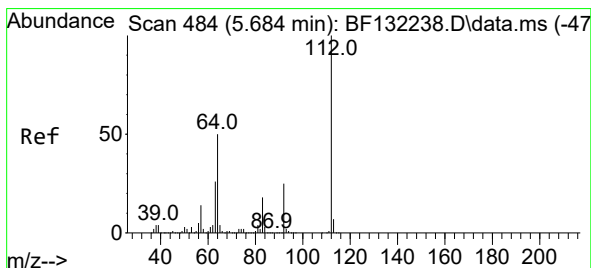
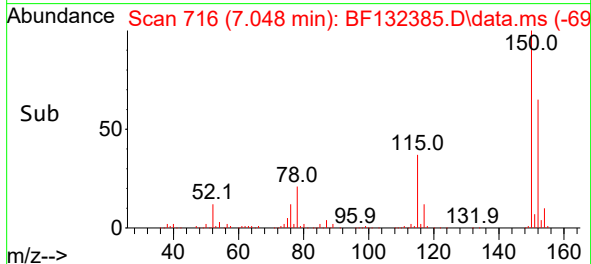
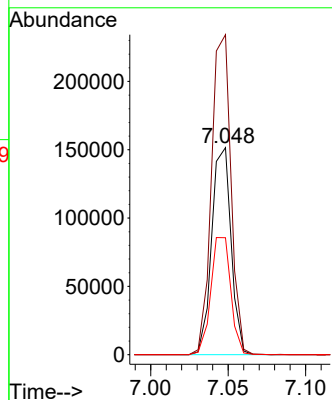
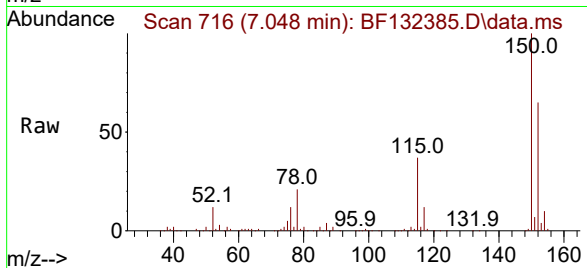




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.048 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132385.D
 Acq: 09 Feb 2023 18:41

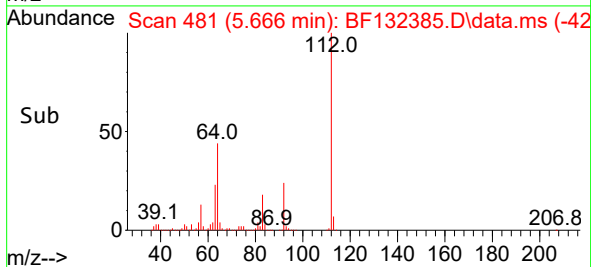
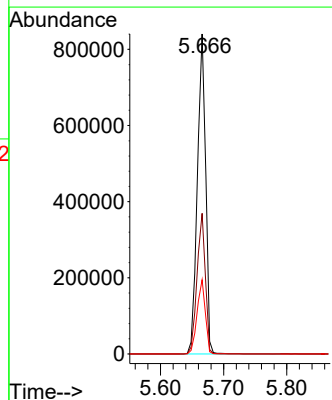
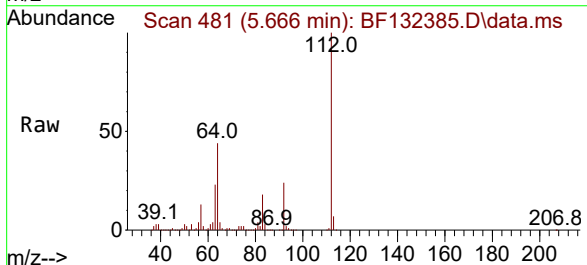
Instrument :
 BNA_F
 ClientSampleId :
 PA-1

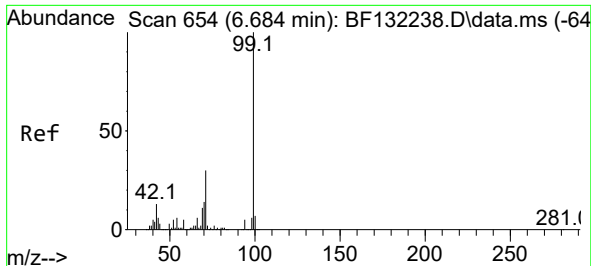
Tgt Ion:152 Resp: 131970
 Ion Ratio Lower Upper
 152 100
 150 154.5 124.2 186.2
 115 56.5 47.3 70.9



#5
 2-Fluorophenol
 Concen: 92.998 ng
 RT: 5.666 min Scan# 481
 Delta R.T. 0.006 min
 Lab File: BF132385.D
 Acq: 09 Feb 2023 18:41

Tgt Ion:112 Resp: 763532
 Ion Ratio Lower Upper
 112 100
 64 44.0 40.0 60.0
 63 23.2 20.5 30.7

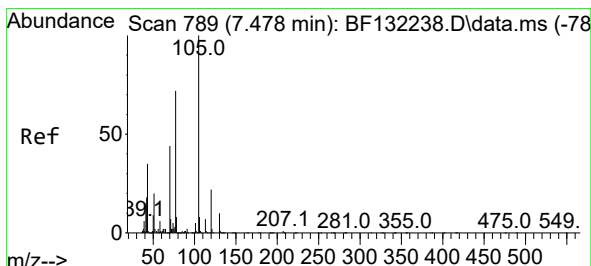
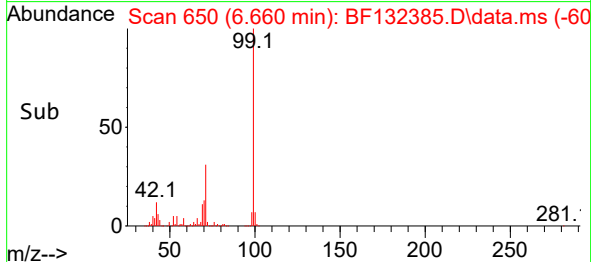
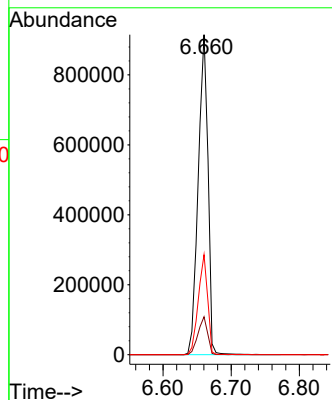
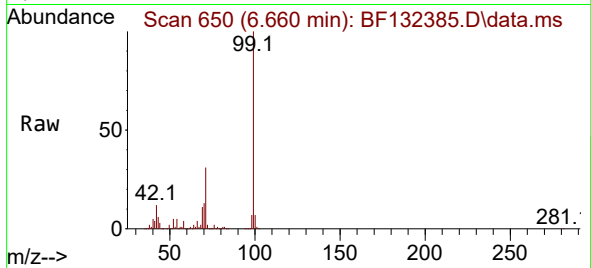




#7
Phenol-d6
Concen: 89.896 ng
RT: 6.660 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

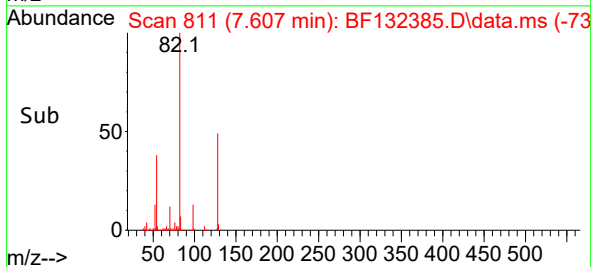
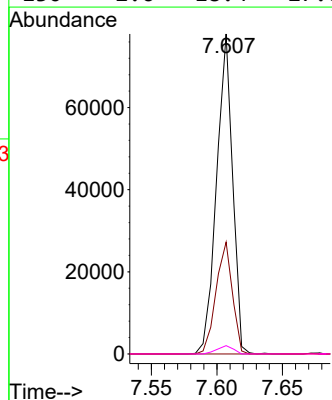
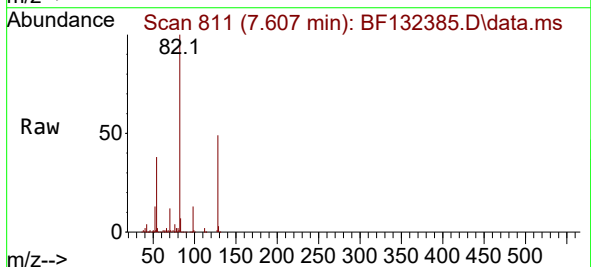
Instrument :
BNA_F
ClientSampleId :
PA-1

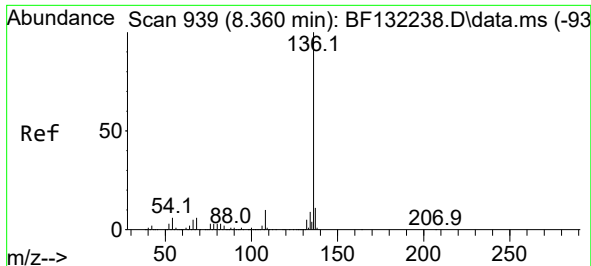
Tgt Ion: 99 Resp: 909922
Ion Ratio Lower Upper
99 100
42 11.9 10.1 15.1
71 31.2 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.491 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.147 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion: 70 Resp: 66070
Ion Ratio Lower Upper
70 100
42 35.0 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#

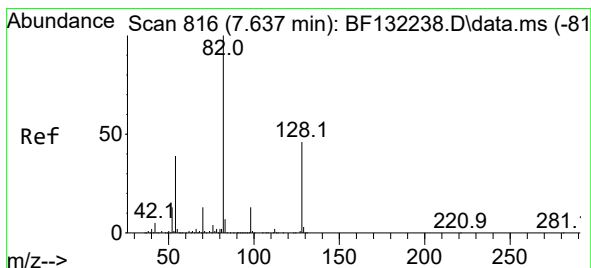
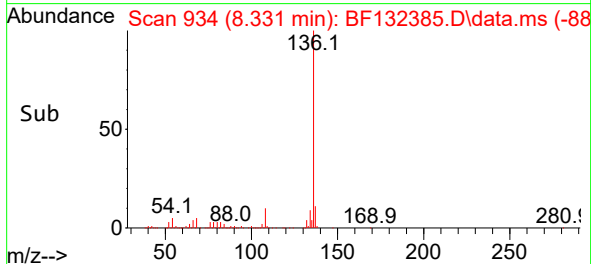
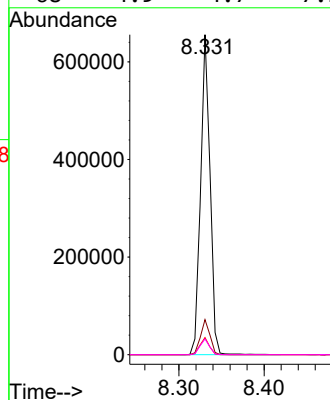
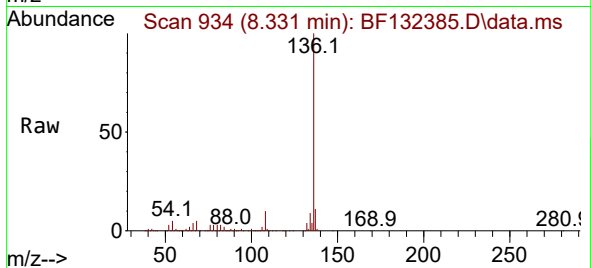




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.331 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

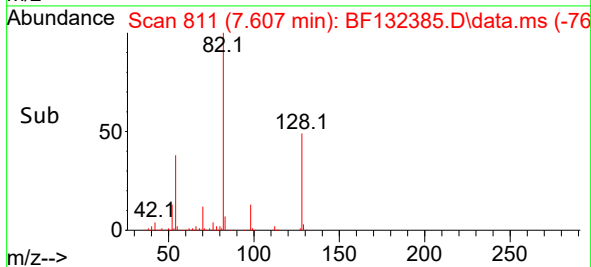
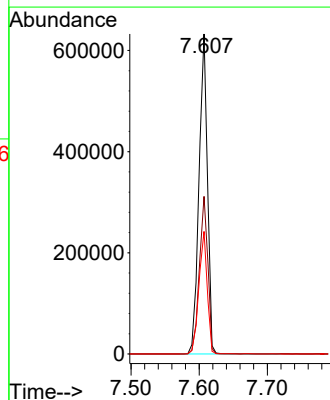
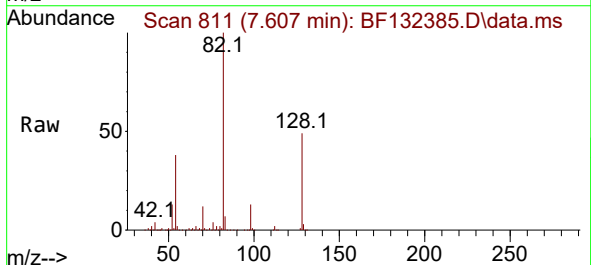
Instrument :
BNA_F
ClientSampleId :
PA-1

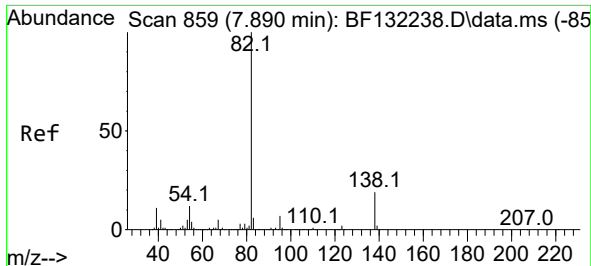
Tgt Ion:136 Resp: 504920
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.4 4.9 7.3
68 4.9 4.7 7.1



#23
Nitrobenzene-d5
Concen: 59.991 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion: 82 Resp: 544337
Ion Ratio Lower Upper
82 100
128 49.3 37.0 55.4
54 38.3 31.5 47.3

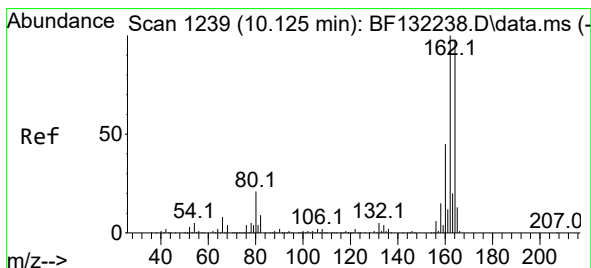
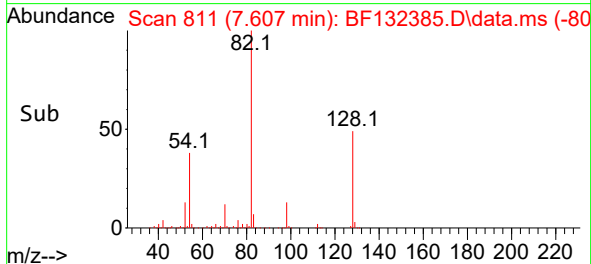
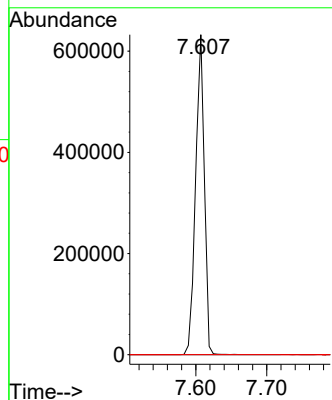
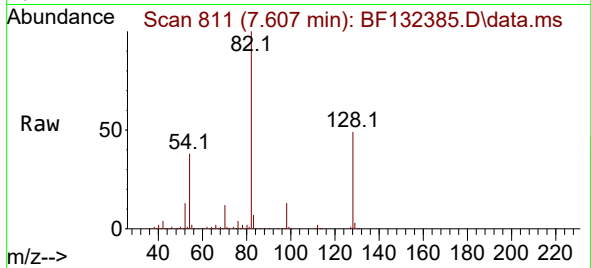




#25
Isophorone
Concen: 31.607 ng
RT: 7.607 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

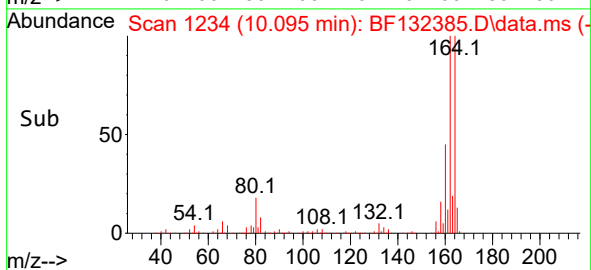
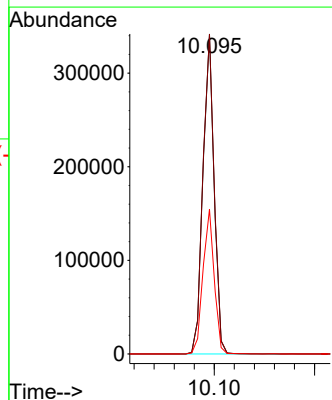
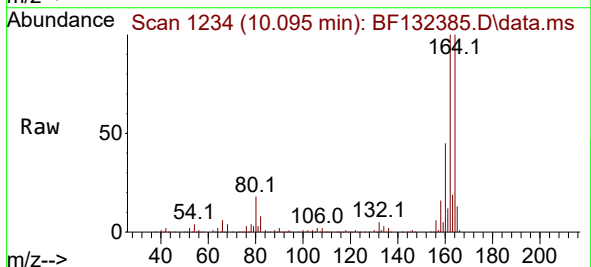
Instrument :
BNA_F
ClientSampleId :
PA-1

Tgt Ion: 82 Resp: 544332
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion: 164 Resp: 264790
Ion Ratio Lower Upper
164 100
162 99.9 82.0 123.0
160 45.3 37.1 55.7

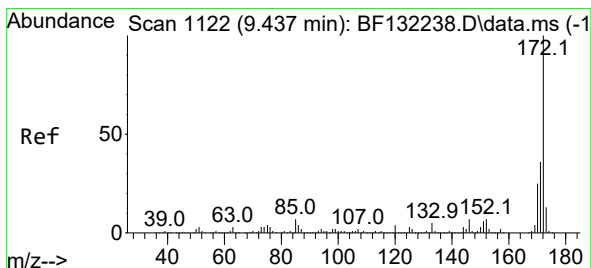
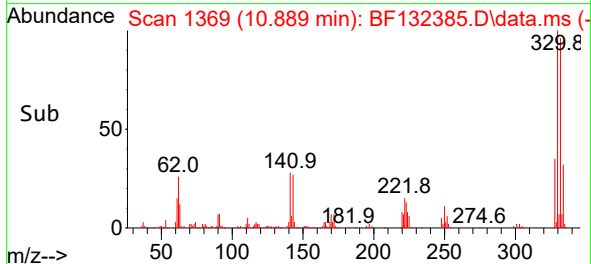
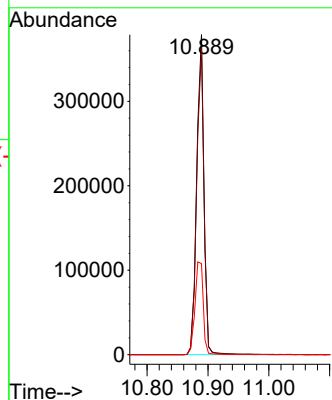
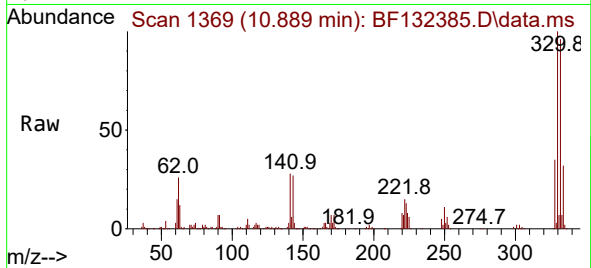




#42
2,4,6-Tribromophenol
Concen: 115.507 ng
RT: 10.889 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

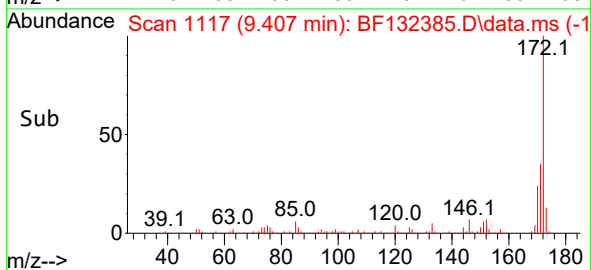
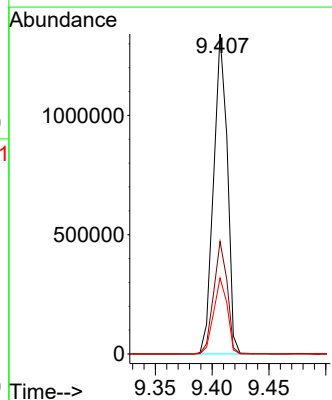
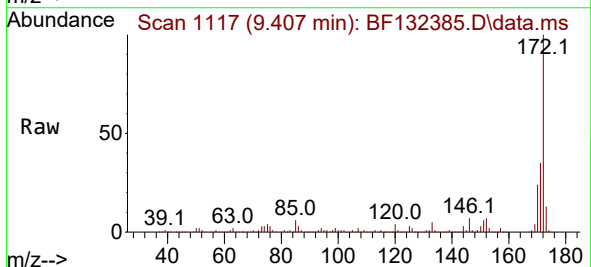
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ClientSampleId :
PA-1

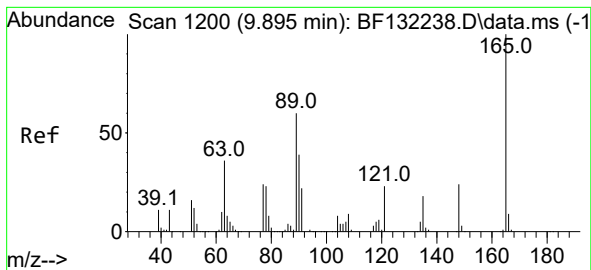
Tgt Ion:330 Resp: 314526
Ion Ratio Lower Upper
330 100
332 96.2 77.9 116.9
141 33.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 65.516 ng
RT: 9.407 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion:172 Resp: 1123399
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.8 19.7 29.5

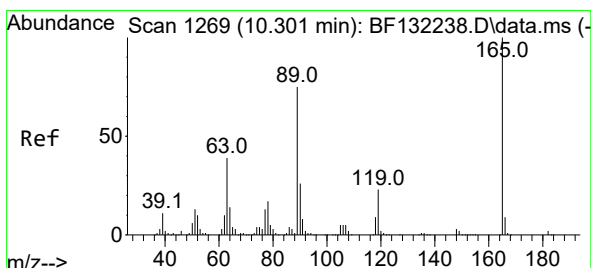
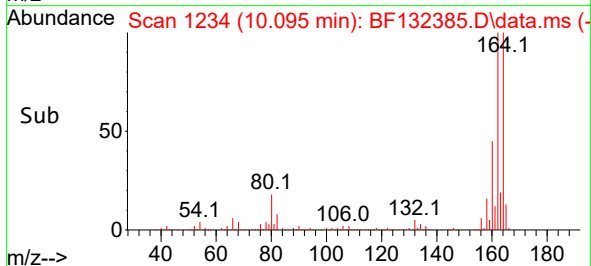
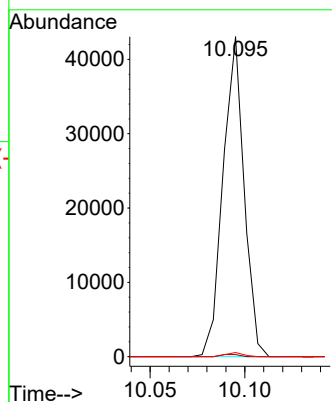
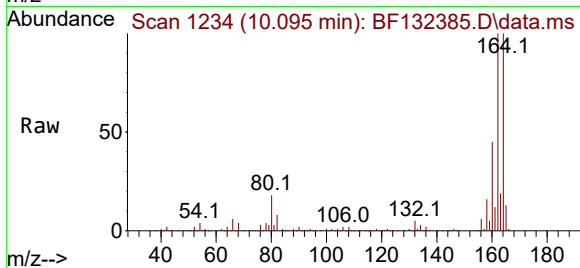




#51
2,6-Dinitrotoluene
Concen: 8.069 ng
RT: 10.095 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

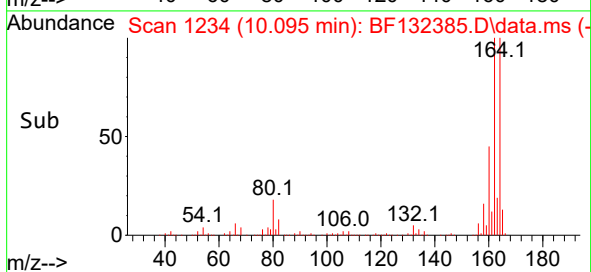
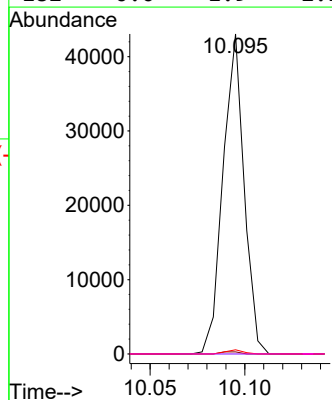
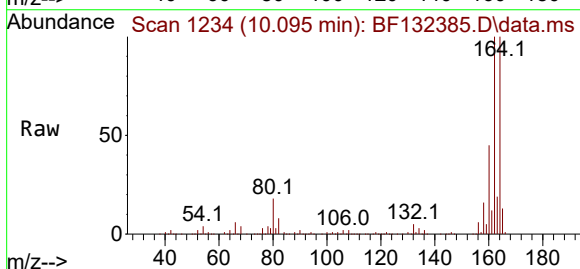
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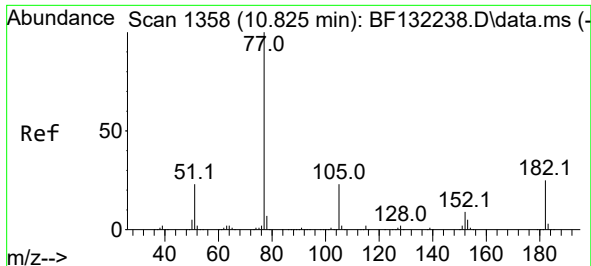
Tgt Ion:165 Resp: 33381
Ion Ratio Lower Upper
165 100
63 0.7 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.212 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.188 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion:165 Resp: 33381
Ion Ratio Lower Upper
165 100
63 0.7 30.9 46.3#
89 1.3 60.1 90.1#
182 0.0 1.9 2.9#

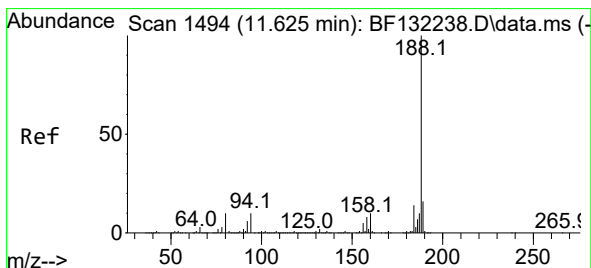
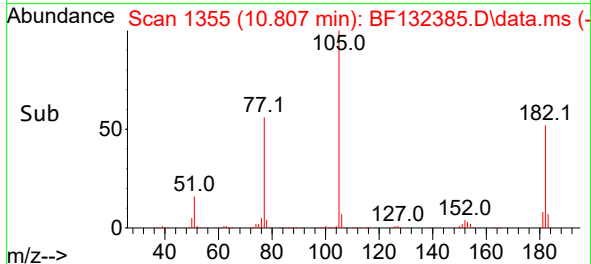
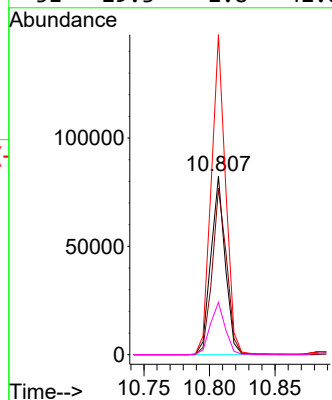
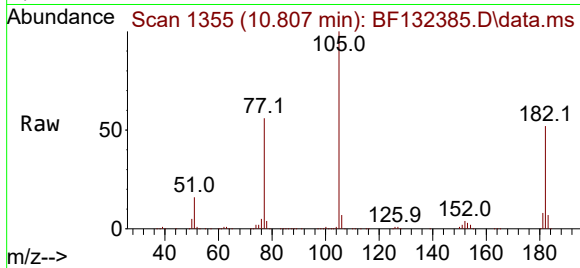




#63
Azobenzene
Concen: 3.512 ng
RT: 10.807 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

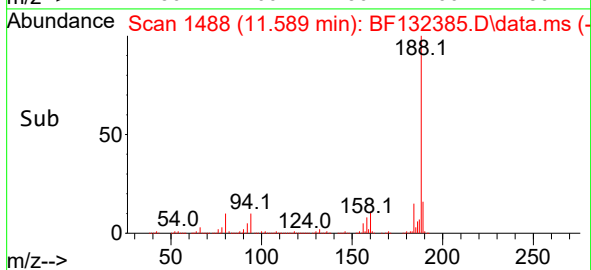
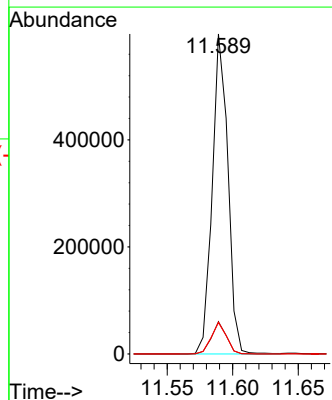
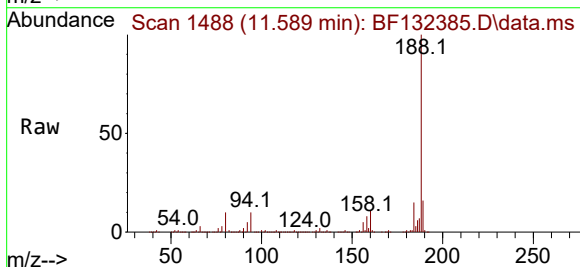
Instrument :
BNA_F
ClientSampleId :
PA-1

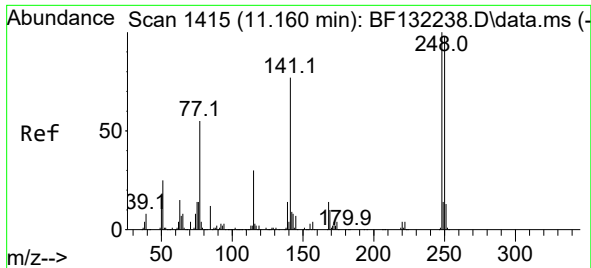
Tgt Ion: 77 Resp: 63034
Ion Ratio Lower Upper
77 100
182 93.2 4.5 44.5#
105 179.4 2.7 42.7#
51 29.3 2.8 42.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.589 min Scan# 1488
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion: 188 Resp: 496265
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 9.8 8.3 12.5

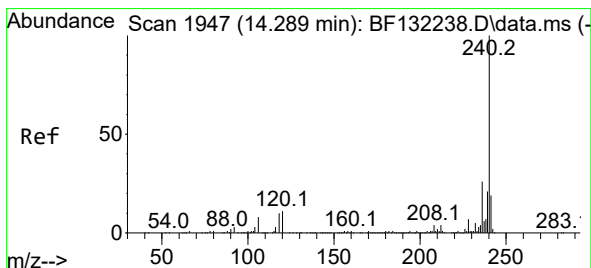
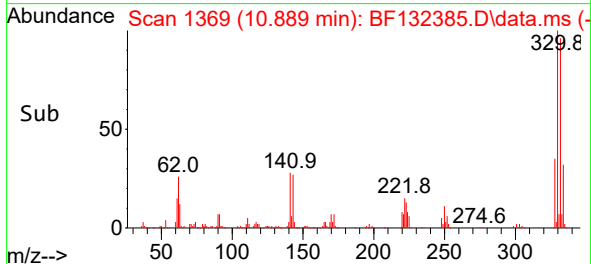
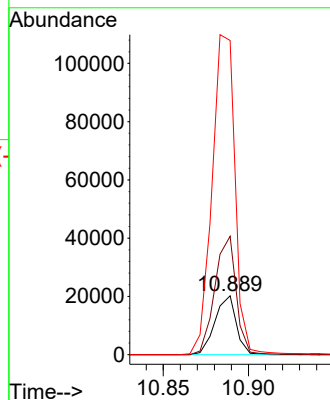
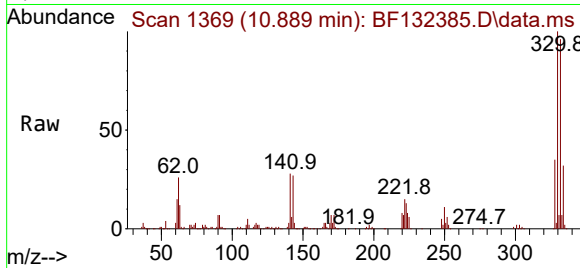




#67
4-Bromophenyl-phenylether
Concen: 3.458 ng
RT: 10.889 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

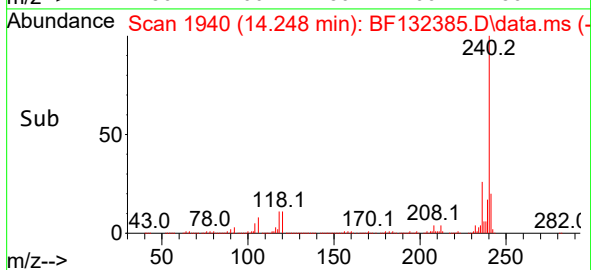
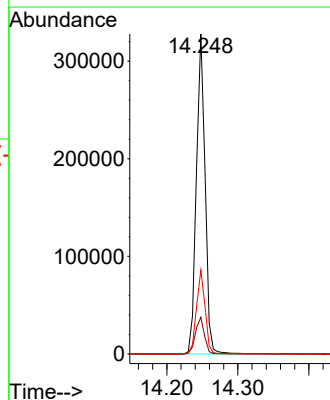
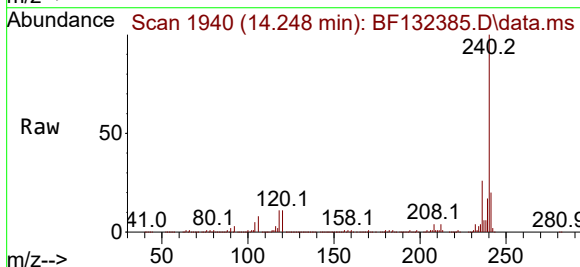
Instrument :
BNA_F
ClientSampleId :
PA-1

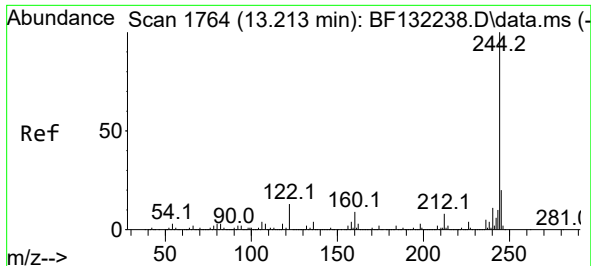
Tgt Ion:248 Resp: 17574
Ion Ratio Lower Upper
248 100
250 201.0 78.6 117.8#
141 533.4 61.6 92.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132385.D
Acq: 09 Feb 2023 18:41

Tgt Ion:240 Resp: 282034
Ion Ratio Lower Upper
240 100
120 11.5 8.8 13.2
236 26.2 21.0 31.6

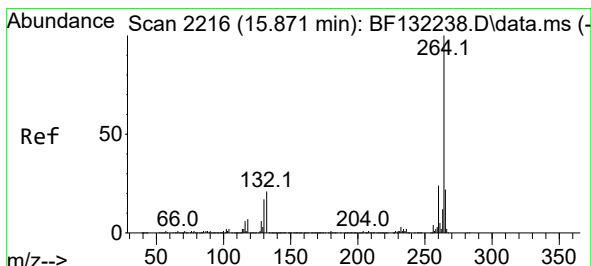
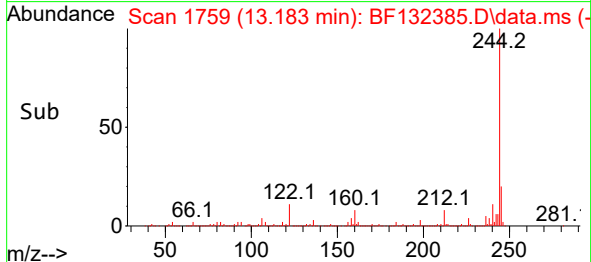
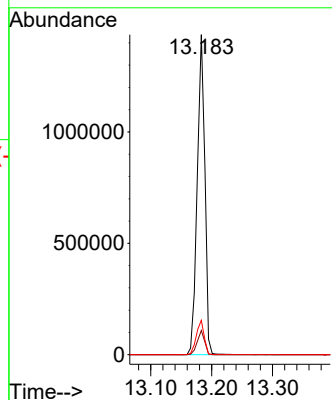
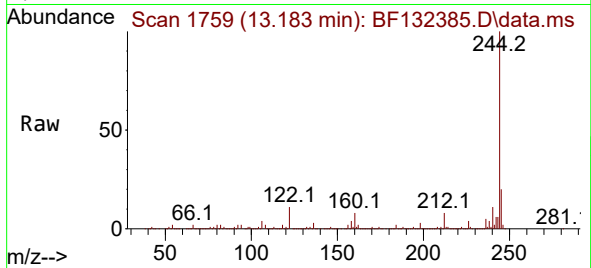




#79
 Terphenyl-d14
 Concen: 85.895 ng
 RT: 13.183 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132385.D
 Acq: 09 Feb 2023 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Tgt Ion:244 Resp: 1252331
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 10.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.818 min Scan# 2207
 Delta R.T. -0.006 min
 Lab File: BF132385.D
 Acq: 09 Feb 2023 18:41

Tgt Ion:264 Resp: 298309
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.4
 265 21.2 17.4 26.2

